## **Claims**

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- 2 1. A medical device for attaching soft tissue to a bone comprising a bone anchor and a
- protective cover formed from a solid mass of biocompatible material, wherein said bone anchor 3
- is substantially encapsulated in said mass. 4
- 2. The protective cover of claim 1, wherein said mass is substantially deformable. l
- 3. The protective cover of claim 1, wherein said mass is substantially brittle.
- The protective cover of claim 1, wherein said mass comprises a bioabsorbable material. 4. 1
- 5. The protective cover of claim 4, wherein said bioabsorbable material is selected from the group consisting of cross-linked alginated gel, cross-linked collagen, cross-linked hyaluronic acid hydrogel, polylactic-co-glycolic acid, polylactic acid, polyglycolic acid, polyurethane.
  - 6. The protective cover of claims 1, further comprising an antimicrobial material.
  - 7. The protective cover of claim 6, wherein said antimicrobial material comprises an antibiotic.
  - 8. The protective cover of claim 7, wherein said antibiotic is selected from the group consisting of nafcillin, aminoglycoside, ciprofloxin, piperacillin/tazobactum, ampicillin/sulbactum, vancomycin, cephalosporin, TMP/SMX, ampicillin, gentamicin, tobramycin, and ciprofloxacin.
- 9. 1 The protective cover of claim 8, wherein said antibiotic is disposed within said
- 2 bioabsorbable material to form said cover.
- 1 10. The protective cover of claim 8, wherein said antibiotic is applied to at least one surface
- 2 of said protective cover.
- 11. A method of inserting a bone anchor into a bone, comprising: l
- 2 (a) providing a bone anchor;
- (b) providing a protective cover adapted to encapsulate said bone anchor; 3
- (c) encapsulating said bone anchor in said protective cover;
- 5 (d) locating a bone anchor implantation site on a bone; and

- 6 (e) causing said bone anchor to penetrate said protective cover and implant in said bone.
- 1 12. The method of claim 11, wherein said bone anchor is encapsulated in said protective
- 2 cover prior to engagement of said bone anchor to an implantation device.
- 1 13. The method of claim 11, wherein said bone anchor is encapsulated in said protective
- 2 cover after engagement of said bone anchor to an implantation device.
- 1 14. The method of claim 11, wherein said protective cover for encapsulating a bone anchor
- 2 comprises a generally ellipsoidal mass.
- 1 15. The method of claim 14, wherein said mass is substantially deformable.
- 1 16. The method of claim 14, wherein said mass is substantially brittle.
  - 17. The method of claim 14, wherein said mass comprises a bioabsorbable material.
  - 18. The method of claim 17, wherein said bioabsorbable material is selected from the group consisting of cross-linked alginated gel, cross-linked collagen, cross-linked hydrogel, polylactic-co-glycolic acid, polylactic acid, polylactic acid, polylactic acid, polyurethane.
  - 19. The method of claims 18, wherein said protective cover further comprises an antibiotic.
  - 20. The method of claim 19, wherein said antibiotic is selected from the group consisting of nafcillin, aminoglycoside, ciprofloxin, piperacillin/tazobactum, ampicillin/sulbactum, vancomycin, cephalosporin, TMP/SMX, ampicillin, gentamicin, tobramycin, and ciprofloxacin.
  - 21. The method of claim 20, wherein said antibiotic is disposed within said bioabsorbable
- 2 material to form said cover.
- 1 22. The method of claim 20, wherein said antibiotic is applied to at least one surface of said
- 2 protective cover.

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